

ABSTRACT

A mandrel-assisted resin transfer molding process and apparatus therefor provides a generally continuous, narrow annular channel between the perimeter of an inner male mold element and an outer female mold element. This
5 channel allows air, heat and vapor to evenly escape and resin to outflow from the mold cavity everywhere around the edge of the part being molded. A very thin resin band forms in the channel is easily trimmed away, leaving the article completely finished on both sides and having a
10 well defined edge that does not require shaping.